Computer Science

Degree Type
Bachelor of Science

Division Dean: Bret Clark, Ph.D.

Department Chair: Steve Lambert, Ph.D.

Redesigned and reintroduced into the Newberry College curriculum, the Computer Science major is offered online through a partnership with RIZE Education. This allows for virtual instruction from experts in the field of Computer Science while you attend Newberry and fulfill your other graduation requirements in a traditional environment. Our Computer Science degree seeks to meet growing demands for skilled I.T. professionals, particularly in South Carolina and is intended to prepare students for a job as a Software Developer, a Technical Project/ Program Manager, or a variety of other technical roles. It was designed with the specific intent of producing graduates with vital skills that prepare them for an increasingly more technology-focused workforce.

Requirements for the Major in Computer Science (not including General Education Core):

Requirements for the Major

Item #	Title	Credits
CSC 155	Internet History, Technology, and Security	3
CSC 156	Programming for Everyone I	3
CSC 157	Programming for Everyone II	3
CSC 260	Web Development	3
CSC 320	Introduction to C	3
CSC 325	Hardware: Inside of a Microprocessor	3
CSC 335	Data Structures	3
CSC 340	Application Development I	3
CSC 341	Application Development II	3
CSC 350	Product Development	3
CSC 430	Algorithms	3
CSC 499	Senior Capstone Project	3
MAT 211	Calculus I—Differential Calculus	4
MAT 200	Applied Statistics	3
	Total Credits	**43**